

Abstract

A method for identifying and screening a novel substance promoting the transcription induction activity of PPAR γ and improving insulin resistance by promoting the interaction between PPAR promoting the transcription induction activity of PPAR γ and p68 RNA helicase and/or promoting the expression of p68RNA helicase is disclosed. The method is a new type method for screening an agent for improving insulin resistance by promoting the transcription induction activity of PPAR γ which is different from the conventional PPAR agonist. Furthermore, the method for producing a pharmaceutical composition for improving insulin resistance which comprises the substance obtainable by the above method for screening as an active ingredient is disclosed.